

T 9 (7) WL (2) BU (1) GT (1) **KPC BEHAVIOUR**

DAY: 11th MONTH: Sept YEAR: 09 KPC: SM OTHERS: SJ AG TWIC FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
618	OBS arrived at the nest site									
630	KK TS ES JB	TG GT WL BU	AT GW WC TT	EU TD NP IS	29 59				RDT	
648	KK TS ES JB	TG GT WL BU	AT GW WC TT	EU TD NP IS	u				u	
700	KK TS ES JB	TG GT WL BU	AT GW WC TT	EU TD NP IS	u				Ø	
701	WL (W) leaving a night nest									
702	NP leaving a night nest									
704	GT (G) leaving a night nest									
707	TT leaving a night nest									
708	GT feeding on CAF young leaves									
711	TG (T) leaving a night nest									
719	KK TS ES JB	TG GT WL BU	AT GW WC TT	EU TD NP IS	29 59	✓	CAF	YL	Ø	
717	Chimps climbed down on ground and moving									
723	Some individuals separated and moved away then KK and BU together with WL GT families climbed into mms tree while WL GT making food banks then started feeding on ripe fruits									FBK
730	KK TS	BU GT WL TS	TL GW	NP IS TD BU	F/S	✓	MMS	RF	Ø	

Aggression/Received aggression

Time	Aggr. ID	VD Duration	NvD	CHA	Attack			Vic ID	Response of victim					Behavioural context	T/G
					1	2	3		No	Av	Tn	Sb	Rt		

Copulations

Time	Duration	Fem	Male	Interfere?	Groom?	Scream?	Dart?	Approach:	Notes

At 15-MIN INTERVALS: Party composition, Location, Food, MNK
 Estrous: 1=None; 2=Partial; 3=Full
 AP: adult play; CP: copulation; CY: carry; DR: drink; ELE: elephants; FBK: food bark; HCG: hand-clasp groom; HNY: honey; IGI: inter-group interaction; LF: leaf use;
 MAT: monkeys attack; PIG: pigs; PRED: predation; PTG: pant-grunt; RN: rain; RD: rain display; SOIL: eating red soil; STK: stick use; TLU: tool use; UNF: unusual food; Q:
 other unusual events; PAT: patrol (non-conflict hair erection? Sniff? Bipedal? Scan? Reassurance touch? Close single file?)

KPC BEHAVIOUR

DAY: 11th MONTH: Sept YEAR: 09 KPC: SM OTHERS: STICKWAG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
749	KK TS	TS BU WB BU	TT ON WC ON	NP TD TS EU	F/S	✓	MMS	RF	Ø	
753	Chimps climbed down on ground and moving									
759	Chimps climbing into FBR tree and started feeding silent									
800	KK TS	TS BU WB BU	TT ON WC ON	NP TD TS EU	CEG 29	✓	FBR	RF	Ø	
800	KK made VD and buttress bungs TT made pant barks and BU pant hooted									
813	Tg made VD and buttress bungs Others pant hooted									
815	KK TS	TS BU WB BU	TT ON WC ON	NP TD TS EU	CEG 29	✓	FBR	RF	Ø	
817	Tg and BU both made screams and Tg present to BU who inspected her by touch on estrous end smell on fingers									
821	WL chasing NP who fled screaming									
830	KK TS	TS BU WB BU	TT ON WC ON	NP TD TS EU	CEG 29	✓	FBR	RF	Ø	
838	TT made a branch shake to BU who made wear barks									
843	TT made a branch shake to BU who made wear barks TT fled screaming									

Aggression/Received aggression

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					1	2	3		No	Av	Tn	Sb	Rt		
800	KK	8sec						None						Social excitement	g
813	Tg	4sec						None						Social excitement	g
821	WL			2sec				NP	F		✓			food competition	T

Copulations

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KPC BEHAVIOUR

DAY: 11th MONTH: Sept YEAR: 09 KPC: SM OTHERS: SJ ICTWAG FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
845	KK TS	TS BU WB	TT BW	NP EU TS	C28 29	✓	FBR	RF	Ø	
845	Heard distant calls from south east of K14 this party responded with pant hoots									
846	BT made water barks and chased TT who fled screaming then TT made indirect aggression by chasing EU who fled screaming									
847	KK EU TS left the party and moved away from them. AG followed									
856	BT (BW) entered into old nest, tree = UVA HT = 14m									
900		TS BU WB	TT BW	NP TD TS	C28 29	✓	FBR	RF	MGB	
915		TS BU WB	TT BW	NP TD TS	n	✓	n	n	n	
916	BT (BW) leaving the nest									
917	Chimps leaving the feeding tree and moving on ground									
927	WK and BT with their families separated from others. We followed BT and WK b/c BT is a focal target									
928	Chimps feeding on THV									
930		WK BT	BW WK		C/28	✓	THV	THV	Ø	

Aggression/Received aggression

Time	Aggr. ID	VD	NvD	CHA	Attack			Vic ID	Response of victim				Behavioural context	T/G
					1	2	3		No	Av	Tn	Sb		
846	BT			3sec				TT	F		✓		Unknown	T
846	TT			4sec				EU	F		✓	✓	Unknown	T

Copulations

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KPC BEHAVIOUR

DAY: 11th MONTH: Sept YEAR: 09 KPC: SM OTHERS: SJ KJTW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
941	chimps joined PB who followed by KT no calls made.									
942	WL QT climbed into fcp tree and feed on ripe fruits Silent.									
945	PB	WL QT	BR WC		B/27	✓	Fcp	RF	RBT	
947	QT approach <u>pant barking</u> to PB she extend hand to him and they shake hands									
1000	PB	WL QT	BR WC		B/27	✓	Fcp	RF	RBT	
1015	PB	WL QT	BR WC		u	✓	u	u	u	
1028	PB leaving the feeding tree and climbed down on ground.									
1030	PB	WL QT	BR WC		B/27	✓	Fcp	RF	RBT	
1045	PB	WL QT	BR WC		u	✓	u	u	u	
1100	PB	WL QT	BR WC		u		u	u	u	
1102	chimps leaving the feeding tree and moving on ground									
1107	PB made NVD and slapping the ground <u>WL</u> made <u>pant grunts</u>									PIg

Aggression/Received aggression

Time	Aggr. ID	VD	Nvd	CHA	Attack			Vic ID	Response of victim					Behavioural context	T/G
					1	2	3		No	Av	Tn	Sb	Rt		
1107	PB		10sec					None						Unknown	2

Copulations

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KPC BEHAVIOUR

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Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1108	PB									
	made NVD and slapping the ground WL Gn avoid casual pant barking then WL <u>retal</u> <u>iate</u> while screaming <u>chasing</u> PB who fled making NVD									
1109	PB									
	made NVD and ground slapping WL Gn made war barks									
1110	PB									
	made NVD and dragging stick, slapping the ground WL made war barks									
1115	PB									
		WL Gn	WC Gn							
1118										
	Chimps climbed in to Phytolacca climber for feeding fruits									
1120	PB									
	approach WL who <u>pant grunted</u> to him PIG then PB mounted WL									
1130	PB									
		WL Gn	WC Gn							
1145	PB									
		WL Gn	WC Gn							
1200	PB									
		WL Gn	WC Gn							
1202	Chimps									
	climbed down on ground and moving									

Aggression/Received aggression

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					1	2	3		No	Av	Tn	Sb	Rt			RA		
1108	PB							WL Gn										
			20sec															
1109	PB							None										
			12sec															
1110	PB							None										
			30sec															

Copulations

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KPC BEHAVIOUR

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Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1212	WL	approach	<u>pant grunting to</u>		PB	he	groom			PIG
		ed her								
1213	WL	grooming	PB							
1214	Hand	clasp	mutual groom		WL	↔	PB			Hcg
1215	PB	WL	↔	WL	F/Q				Ø	
1215	PB	groomed	WL after hand clasp							
1217	WL	grooming	PB							
1222	PB	grooming	WL							
1226	WL	grooming	PB							
1229	PB	grooming	WL							
1230	PB	WL	↔	WL	F/Q				Ø	
1232	Ø	approach	<u>pant grunting to</u>		PB	he	groomed			
		him								
1233	Hand	clasp	mutual groom		PB	↔	Ø			Hcg
1235	Ø	groomed	PB after hand clasp							
1237	PB	grooming	Ø							
1241	Ø	grooming	PB							
1242	Mutual	groom	PB ↔ Ø							

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					1	2	3		No	Av	Tn	Sb	Rt		

Copulations

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1224 Ø playing with Ø where by Ø tickling and
 Make soft bites on Ø

KPC BEHAVIOUR

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Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1245	PB	WL ♂	WC ♂		F/A				Ø	
1300	PB	WL ♂	WC ♂		u				Ø	
1312	PB feeding on APH ripe fruits									
1315	PB	WL ♂	WC ♂		F/A	✓	APH	RF	Ø	
1322	♂ feeding on red soil from roots of a fallen tree									
1329	Chimps feeding on CAF young leaves									
1330	PB	WL ♂	WC ♂		H/16	✓	CAF	JL	Ø	
1345	PB	WL ♂	WC ♂		u	✓	u	u	Ø	
1400	PB	WL ♂	WC ♂		u	✓	u	u	Ø	
1409	Chimps started feeding on THV									
1415	PB	WL ♂	WC ♂		H/16	✓	AFR	PHH	Ø	
1430	PB	WL ♂	WC ♂		u				Ø	
1437	♂ playing with WC by make soft bites and patting each other									
1445	PB	WL ♂	WC ♂		H/16				Ø	
1454	♂ playing with ♂ where by ♂ make soft bites and tickling on ♂									AP

Aggression/Received aggression

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					1	2	3		No	Av	Tn	Sb	Rt			RA

Copulations

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Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1500	PB	WL ♂	WC ♂		H/16	✓	CAF	YL	⊙	
1515	PB	WL ♂	WC ♂		H				⊙	
1528	♂ grooming ♂									
1530	PB	WL ♂	WC ♂		H/16				⊙	
1540	PB left the party and moved away									
1543	Chimps feeding on THV									
1545		WL ♂	WC ♂		H/16	✓	AFR	PHV	⊙	
1600		WL ♂	WC ♂		E/BFP				⊙	
1602	Chimps climbed into Phytolacca climber and feed on ripe fruits									
1615		WL ♂	WC ♂		B/13	✓	PHY	RF	BW ROT	
1627	ES EU BU joined the party ES made NVD WL ♂ BU EU made pant hoots									
1630	ES	BW WL ♂	WC ♂	EU	B/13	✓	PHY CAF	RF YL	BW ROT	
1640	chimps climbed down on ground and moving but ES EU remained behind with KT									
1643	Chimps climbed into APH tree and start feeding on ripe fruits silent									

Aggression/Received aggression

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					1	2	3		No	Av	Tn	Sb	Rt		
1627	ES		12sec					None						reunion	2

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1558 ♂ feeding on brown soil from along side the road

KPC BEHAVIOUR

DAY: 11th MONTH: Sept YEAR: 09 KPC: SM OTHERS: SJICW FOUND: N

Time	Party Composition				Loc	F	SP	PT	MNK	BEH
	AMM	AFF (incl. estrous)	JMM (&inf)	JFF (&inf)						
1645		Bu W/O Bu	Bu we		E/g	✓	APH	RF	⊗	
1700		Bu W/O Bu	Bu we		u	u	u	u	⊗	
1715		Bu W/O Bu	Bu we		u	✓	u	u	RBT	
1721	W/O (W)	building a night nest			tree = W/A					
		HI = 20m DBH = 28cm								
1726		chimps all leaving the feeding and moving								
		up in different trees								
1730		Bu W/O Bu	Bu we		E/g				RBT	
1731	Bu (W)	entered into old nest and improving								
		it tree = CAF HI = 18m DBH = 20cm								
1734	Bu	left the party and moved away Ie followed								
		her								
1745		W/O Bu	Bu we		E/g				⊗	
1800		W/O Bu	Bu we		u				⊗	
1815		W/O Bu	Bu we		u				⊗	
1830		W/O Bu	Bu we		u				⊗	
1845		W/O Bu	Bu we		u				⊗	
1850	OBS leaving the nest site									

Aggression/Received aggression

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					1	2	3		No	Av	Tn	Sb	Rt		

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